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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

<u>Listing of Claims</u>:

1-21. (Cancelled)

- 22. (New) A method for producing denatured lipoprotein, comprising: freezing a solution containing lipoprotein to produce a frozen solution; and melting the frozen solution to produce a solution containing denatured lipoprotein.
- 23. (New) The method according to claim 22, wherein said denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).
- 24. (New) The method according to claim 22, wherein the lipoprotein is at least one selected from the group consisting of chyromicron, VLDL, LDL, Lp(a), HDL2 and HDL3.
 - 25. (New) A denatured lipoprotein produced by the method according to claim 22.
- 26. (New) The denatured lipoprotein according to claim 25, wherein said denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).
 - 27. (New) A method for producing stabilized denatured lipoprotein, comprising: freezing a solution containing lipoprotein to produce a frozen solution; melting the frozen solution to produce a solution containing denatured lipoprotein; and freeze-drying the solution.

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28. (New) The method according to claim 27, wherein said denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).

- 29. (New) The method according to claim 27, wherein the lipoprotein is at least one selected from the group consisting of chyromicron, VLDL, LDL, Lp(a), HDL2 and HDL3.
- 30. (New) A stabilized denatured lipoprotein produced by the method according to claim 27.
- 31. (New) The stabilized denatured lipoprotein according to claim 30, wherein said stabilized denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).
 - 32. (New) A method for producing stabilized denatured lipoprotein, comprising: freezing a solution containing lipoprotein to produce a frozen solution; melting the frozen solution to produce a solution containing denatured lipoprotein; adding a stabilizer to the solution; and freeze-drying the solution.
- 33. (New) The method according to claim 32, wherein said denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).
- 34. (New) The method according to claim 32, wherein the lipoprotein is at least one selected from the group consisting of chyromicron, VLDL, LDL, Lp(a), HDL2 and HDL3.
- 35. (New) A stabilized denatured lipoprotein produced by the method according to claim 32.

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36. (New) The stabilized denatured lipoprotein according to claim 35, wherein said denatured lipoprotein reacts with a DLH3 antibody which is yielded by hybridoma cell line, mouse-mouse hybridoma FOH1a/DLD3 (Deposit No. FERM BP-7171).

37. (New) A method for determining denatured lipoprotein in a sample, comprising: selecting the denatured lipoprotein according to claim 25; reacting the sample with an antibody which binds to the denatured lipoprotein; measuring the reactivity of the antibody with the sample; and comparing the reactivity with a calibration curve previously formed from the denatured lipoprotein.

- 38. (New) The method according to claim 37, wherein said determination is immunological determination.
- 39. (New) The method according to claim 38, wherein said immunological determination is selected from among radio immunoassay, enzyme immunoassay, fluoroimmunoassay, luminescent immunoassay, agglutination immunoassay, immunonephelometry, and nephelometric immunoassay.
- 40. (New) The method according to claim 39, wherein said method for immunological determination is a competitive method or a sandwich method.
- 41. (New) The method according to claim 37, wherein said denatured lipoprotein is a standard substance for determining denatured lipoprotein in blood or an experimental reagent for investigating the physiological role or the physiological activity of denatured lipoprotein.

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42. (New) A method for determining denatured lipoprotein in a sample, comprising: selecting the stabilized denatured lipoprotein according to claim 30; reacting the sample with an antibody which binds to the denatured lipoprotein; measuring the reactivity of the antibody with the sample; and comparing the reactivity with a calibration curve previously formed from the denatured lipoprotein.

- 43. (New) The method according to claim 42, wherein said determination is immunological determination.
- 44. (New) The method according to claim 43, wherein said immunological determination is selected from among radio immunoassay, enzyme immunoassay, fluoroimmunoassay, luminescent immunoassay, agglutination immunoassay, immunonephelometry, and nephelometric immunoassay.
- 45. (New) The method according to claim 44, wherein said method for immunological determination is a competitive method or a sandwich method.
- 46. (New) The method according to claim 42, wherein said denatured lipoprotein is a standard substance for determining denatured lipoprotein in blood or an experimental reagent for investigating the physiological role or the physiological activity of denatured lipoprotein.
- 47. (New) A method for determining denatured lipoprotein in a sample, comprising: selecting the stabilized denatured lipoprotein according to claim 35; reacting the sample with an antibody which binds to the denatured lipoprotein; measuring the reactivity of the antibody with the sample; and comparing the reactivity with a calibration curve previously formed from the denatured lipoprotein.

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48. (New) The method according to claim 47, wherein said determination is immunological determination.

- 49. (New) The method according to claim 48, wherein said immunological determination is selected from among radio immunoassay, enzyme immunoassay, fluoroimmunoassay, luminescent immunoassay, agglutination immunoassay, immunonephelometry, and nephelometric immunoassay.
- 50. (New) The method according to claim 49, wherein said method for immunological determination is a competitive method or a sandwich method.
- 51. (New) The method according to claim 47, wherein said denatured lipoprotein is a standard substance for determining denatured lipoprotein in blood or an experimental reagent for investigating the physiological role or the physiological activity of denatured lipoprotein.
- 52. (New) A reagent kit for determining denatured lipoprotein, comprising the denatured lipoprotein according to claim 25 as a standard substance.
- 53. (New) A reagent kit for determining denatured lipoprotein, comprising the stabilized denatured lipoprotein according to claim 30 as a standard substance.
- 54. (New) A reagent kit for determining denatured lipoprotein, comprising the stabilized denatured lipoprotein according to claim 35 as a standard substance.
- 55. (New) A reagent kit for determining denatured lipoprotein, comprising a diluting liquid for a sample, a solid phase formed by immobilizing an antibody, a reaction buffer, a washing solution, a labeled secondary antibody, a detecting reagent, and the whole or part of the denatured lipoprotein set forth in claim 25 as a standard substance as component elements.

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56. (New) A reagent kit for determining denatured lipoprotein, comprising a diluting liquid for a sample, a solid phase formed by immobilizing an antibody, a reaction buffer, a washing solution, a labeled secondary antibody, a detecting reagent, and the whole or part of the stabilized denatured lipoprotein set forth in claim 30 as a standard substance as component elements.

57. (New) A reagent kit for determining denatured lipoprotein, comprising a diluting liquid for a sample, a solid phase formed by immobilizing an antibody, a reaction buffer, a washing solution, a labeled secondary antibody, a detecting reagent, and the whole or part of the stabilized denatured lipoprotein set forth in claim 35 as a standard substance as component elements.